

ABSTRACT

In a solenoid valve having a valve section having a valve member which comes into contact and separates from a valve seat to switch passages, and a
5 solenoid portion for driving the valve member, the solenoid portion includes a fixed core, a bobbin around which a coil is wound, a cylindrical magnetic cover constituting an outer profile of the solenoid portion, a magnetic plate and a moving core. An electrical insulation film is formed on an inner surface or both inner and outer surfaces of the magnetic cover.